

# Memorandum

Date : September 1, 1999  
Telephone: ATSS ( )  
(916) 654-4996

File: Otay

To : William J. Keese, Chairman  
David A Rohy, Vice Chair  
Michal C. Moore  
Robert A. Laurie  
Robert Pernell

From : California Energy Commission - Kent Smith  
1516 Ninth Street Acting Executive Director  
Sacramento, CA 95814-5512

Subject : **DATA ADEQUACY RECOMMENDATION FOR THE OTAY MESA GENERATING PROJECT - (99-AFC-5)**

The staff has completed its data adequacy review of the AFC submitted on August 2, 1999. I have determined that the AFC does not contain all the information required by Cal. Code of Regs., tit. 20, § 1704, Appendix B. Attachment A contains an overview of whether each technical discipline evaluated is adequate or inadequate. Attachment B contains staff's detailed data adequacy worksheets which describe staff's findings for each information requirement. We expect to receive a letter on September 3, 1999 from the San Diego Air Pollution Control District documenting their completeness review and findings.

At the Energy Commission's business meeting on September 8, 1999, I will be recommending that the Energy Commission not accept the AFC until all the additional information specified in Attachment B is supplied. Pursuant to Cal. Code of Regs., tit. 20, § 1709 (c), if the Energy Commission accepts my recommendation, the Energy Commission shall indicate, in writing, those parts of the AFC which fail to meet the information requirements and the manner in which it can be made complete.

If you have any questions, please call Eileen Allen, staff's Project Manager, at (916) 654-4082.

KENT SMITH  
Acting Executive Director

KS:EA:ea

Attachments

cc: Sharon Segner  
Allan Thompson  
Robert Ray

**ATTACHMENT A**  
**OVERVIEW OF ENERGY COMMISSION STAFF'S**  
**DATA ADEQUACY DETERMINATION**  
**OTAY MESA GENERATING PROJECT**  
99-AFC-5

<b>TECHNICAL AREA</b>	<b>ATTACHMENT B PAGE No.</b>	<b>ADEQUATE?</b>
Air Quality	1	No
Alternatives	6	No
Biological Resources	7	No
Cultural Resources	11	No
Efficiency	14	Yes
Facility Design	16	Yes
Geological Hazards	19	Yes
Hazardous Materials Handling	21	Yes
Land Use	23	No
Noise	27	No
Paleontological Resources	30	Yes
Project Overview	32	No
Demand Conformance	34	No
Public Health	35	Yes
Reliability	37	No
Socioeconomics	39	No
Soils	42	No
Traffic and Transportation	44	No
T-Line Safety and Nuisance.	47	Yes
Transmission System Eng.	50	No
Visual Resources	52	No
Waste Management	55	No
Water Resources	58	No
Worker Safety	61	No

**ATTACHMENT B**

**ENERGY COMMISSION STAFF'S  
List of Data Inadequacies**

**Otay Mesa Generating Project  
99-AFC-5**

September 1, 1999

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: Air Quality  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 11, 1999

Project: Otay Mesa Generating Project Technical Staff: Matt Layton  
 Docket: 99-AFC-5 Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	3.2 5.2 Table 5.2-9, -10 Appendix I	Yes	
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	August 2, 1999 letter from URS to CEC	No	The Commission staff expects to receive a letter on September 3, 1999 from the San Diego Air Pollution Control District documenting their completeness review and findings.
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	3.4.10 3.5.2 5.2.3.2 5.2.3.2.2 Table 5.2-14	No	Please identify the chemical characteristics of the natural gas fuel used at the facility.
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	5.2.2.1	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	3.4.4	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	3.4.3 Figures 3.4-1A,B,C 3.4.10 Table 5.2-15	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	5.2.3.2.2	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: Air Quality  
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Project: Otay Mesa Generating Project Technical Staff: Matt Layton  
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	5.2.1.2 5.2.1.3 5.2.1.4 Table 5.2-6	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	5.2.1.4 Modeling CD Appendix I-1	Yes	
Appendix B (g) (8) (H) (I)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	5.2.1.4 Appendix I-1	Yes	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Appendix I-1	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:	----	----	----

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: **Air Quality**  
 Project Manager: Eileen Allen

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 11, 1999

Project: Otay Mesa Generating Project Technical Staff: Matt Layton  
 Docket: 99-AFC-5 Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM <sub>10</sub> ) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO <sub>x</sub> ), sulfur dioxide (SO <sub>2</sub> ), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM <sub>10</sub> )] from construction-related equipment;	5.2.3.2 Modeling CD Appendix I	Yes	
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO <sub>x</sub> , SO <sub>2</sub> , CO and PM <sub>10</sub> ) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	5.2.3.2 Modeling CD Appendix I	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	5.2.3.3 5.18	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:	----	----	----

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: Air Quality  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 11, 1999

Project: Otay Mesa Generating Project Technical Staff: Matt Layton  
 Docket: 99-AFC-5 Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	5.2.1.3.2 5.2.4 Appendix I-7	No	Please clarify whether the NOx emissions will be limited to 100 tpy, the quantity of offsets necessary, and the appropriate offset ratios required.
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	5.2.1.3.2 5.2.4 Appendix I-7	Yes	
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	5.2.1.3.2 5.2.4 Appendix I-7	Yes	
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Map3.2-1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	5.2.1.3 Table 7.0-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	5.2.1.3 Table 7.0-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	5.2.1.3 Table 7.0-1	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 11, 1999

Technical Area: **Air Quality**

Project: Otay Mesa Generating Project

Technical Staff: Matt Layton

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.0-1,	No	<p>Please include:</p> <p>Mr. Michael Tollstrup Stationary Source Division California Air Resources Board 2020 L Street Sacramento, CA 95812 916.323.8473</p> <p>Mr. Chris Gallenstein California Air Resources Board 2020 L St/ Sacramento, CA 95812 916.323.6403</p> <p>Mr. David Wampler U.S.EPA, Region 9 Office 75 Hawthorne San Francisco, CA 94105 415.744.1256</p>
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	August 2, 1999 letter from URS to CEC	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/12/99

Technical Area: **Alternatives**

Project: Otay Mesa

Technical Staff: Eileen Allen

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Roger Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	p.3-11-2, Section 3.0	Yes	
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Section 2 p.3.11-1 through 3.11-16, Section 3.0	No	<p>Please provide an evaluation of the comparative merits of the alternative sites, including descriptive information on Sites A and B. Please discuss what features of Sites A and B made them less preferred than Site C.</p> <p>Please compare the merits of the proposed gas pipeline route (2A) vs. Route 2B.</p> <p>Please discuss whether any route alternatives for the waste water pipeline in Johnson Canyon were considered.</p>
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	p.3.11-1 through 3.11-16, Section 3.0	No	Responding to item (f)(1) above with comparative engineering, economic, and environmental details will satisfy this requirement

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Biological Resources**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

Revision No. 1 Date August 11, 1999  
 Technical Staff: Rick York  
 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>Discussion of existing conditions: Sec. 5.6, pgs. 5.6-1 to 5.6-56</p> <p>Expected impacts: Sec. 5.6.2, pgs. 5.6-48 to 5.6-54 and Sec. 5.18, pgs. 5.18-1 to 5.18-13</p> <p>Mitigation measures: Sec. 5.6-3, pgs. 5.6-54, 55</p> <p>Monitoring plans: Sec. 5.6.3.1, pgs. 5.6-54, 55</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	<p>Regional overview: Sec. 1.8.4, pgs. 1-10 to 1-12 &amp; Sec. 5.6.1, pgs. 5.6-1 to 5.6-25</p> <p>Maps at a suitable scale: Figures 5.6-1 to 5.6-10</p>	<p>Yes</p> <p>Yes</p>	
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	<p>Maps and discussion: Figures 5.6-1 to 5.6-10 and Sec 5.6</p> <p>List of species actually observed and those expected to occur</p> <p>Sensitive biological resources: Sec. 5.6.1.5, pgs. 5.6-38 to 5.6-48, Tables 5.6-2, 5.6-3, &amp; 5.6-4</p>	<p>Yes</p> <p>No</p> <p>Yes</p>	<b>Please provide a list of species actually seen and those with the potential to occur in the project area.</b>

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate   **x**    
 Technical Area:   **Biological Resources**    
 Project Manager:   Eileen Allen  

## DATA ADEQUACY WORKSHEET

Project:   Otay Mesa Generating Project    
 Docket:   99-AFC-5  

Revision No.   1   Date   August 11, 1999    
 Technical Staff:   Rick York    
 Technical Senior:   Jim Brownell  

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	<p>Description of surveys: Appendix H and Sec. 5.6, pg. 5.6-1 &amp; pgs. 5.6-24, 25</p> <p>Field survey forms: sensitive wildlife species field survey forms are provided in Appendix H, however no sensitive plant field survey forms were provided.</p> <p>Names and qualifications of individuals conducting field surveys.</p>	<p>Yes</p> <p><b>No</b></p> <p><b>No</b></p>	<p><b>Please provide copies of sensitive plant field survey forms.</b></p> <p><b>Please provide names and qualifications of individuals conducting the field surveys.</b></p>
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Discussion of permanent & temporary impacts: Sec. 5.6-2, pgs. 5.6-48 to 5.6-54 and Table 5.6-5 on pg. 5.6-49	Yes	
Appendix B (g) (13) (E)	A discussion of the following:	--	--	
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Avoidance measures: Sec. 5.6.3, pgs. 5.6-54, 55	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Mitigation measures: Sec. 5.6.3, pgs. 5.6-54, 55	Yes	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Worker education programs: Sec. 5.6.3, pgs. 5.6-54, 55	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Biological Resources**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

Revision No. 1 Date August 11, 1999  
 Technical Staff: Rick York  
 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Compliance and monitoring programs: Sec. 5.6-4, pgs. 5.6-55, 56	Yes	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Native fish and wildlife species of commercial and/or recreational value: Sec. 5.6.1.3, pg. 5.6-35	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	--	--	
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	State and federally listed species: Tables 5.6-2 & 5.6-3	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Title 20 resources: Tables 5.6-2 & 5.6-3	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Species or habitats requiring protection: Tables 5.6-2, 5.6-3, & 5.6-4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	LORS table: Table 7.0-1, Sec. 7.0	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	LORS table: Table 7.0-1, Sec. 7.0	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	LORS compliance: Sec. 7.0, Table 7.0-1	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 1 Date August 11, 1999

Technical Area: Biological Resources

Project: Otay Mesa Generating Project

Technical Staff: Rick York

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	LORS compliance: Sec. 7.0, Table 7.0-1	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permitting schedule	No	<b>Please provide a permit schedule for permits outside the authority of the commission. Please identify the steps the applicant has taken or plans to take to obtain these permits.</b>

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: **Cultural Resources**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Project: Otay Mesa Generating company  
 Docket: 99-AFC-5

Revision No. 1 Date 8/18/1999

Technical Staff: Dorothy Torres  
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Con Ap, p. J1-5, & J1-8 to J1-10  Con Ap, p. J3-13 to J3-16  AFC Vol I, p. 5.7-57 Con Ap, p. J3-19	NO	Please provide a discussion of indirect and cumulative impacts due to the construction, operation and maintenance of the project.
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Con Ap, J1-10 to J1-18  AFC Vol I, Fig 5.7-1	YES	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Con Ap, p. J1-10 to J2-13 J2-1 to J2-22  Con Ap, p. J2-2 AFC Vol I, p. 5.7-1	NO	Please provide qualifications for survey personnel Larry Tift, Joe Mullen, John Moreno and Mike Caldwell.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: **Cultural Resources**  
 Project Manager: Eileen Allen

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Revision No. 1 Date 8/18/1999  
 Technical Staff: Dorothy Torres  
 Technical Senior: Dale Edwards

Project: Otay Mesa Generating company  
 Docket: 99-AFC-5

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Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Con Ap, p. J1-21 to J1-62  Confidential Appendix J submitted with AFC.	YES	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Con Ap, p. J1-2 Con Ap, Appendix JD	YES	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	AFC Vol I, p. 5.7-56  AFC Vol I, p. 5.7-57 to 5.7-62  AFC Vol I, p. 5.7-57	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Con Ap, p. J1-4  AFC Vol 1, p. 5.7-62 discussion  Con Ap, p. J1-4 AFC Vol I, p. 5.7.5	NO	On the table or matrix which identifies law, regulations and ordinances, etc., please explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: **Cultural Resources**  
 Project Manager: Eileen Allen

# DATA ADEQUACY WORKSHEET

Revision No. 1 Date 8/18/1999  
 Technical Staff: Dorothy Torres  
 Technical Senior: Dale Edwards

Project: Otay Mesa Generating company  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC Vol I, Table 7.0-1  Con Ap, p. J3-2.	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Con Ap, p. J3-22 AFC Vol I, p. 5.7-1	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC Vol I, Table 7.0-1p. 7.0-22 to .23	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Efficiency  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 25, 1999  
 Technical Staff: Steve Baker  
 Technical Senior: Steve Baker

Project: Otay Mesa Generation Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§ 1.1, 1.2, 1.3, 1.5.2, 1.6, 2.1, 2.2, 3.1, 3.2.1, 3.3.3, 3.4.1; Fig. 3.4-1A, 3.4-1B, 3.4-1C; § 3.4.3, 3.4.4, 3.4.6, 3.4.7.1, 3.4.10.1, 3.9.2, 3.9.2.1, 3.11.3.1.2, 3.11.3.2, 3.11.3.3, 3.11.3.4, 3.11.8, 4.3.1.3, 5.18, 7.0	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Fig. 3.4-1A, 3.4-1B, 3.4-1C	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	Fig. 3.4-1A, 3.4-1B, 3.4-1C	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	Fig. 3.4-1A, 3.4-1B, 3.4-1C	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§ 1.3, 1.6, 2.1, 2.2, 3.1, 3.9.2	Yes	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	N/A	
Appendix B (i) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	§ 3.11.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	§ 7.0; Table 7.0-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: Efficiency

Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Project: Otay Mesa Generation Project

Docket: 99-AFC-5

Revision No. 0 Date August 25, 1999

Technical Staff: Steve Baker

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Facility Design  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 5/26/99  
 Technical Staff: Robert Anderson/Kisabuli  
 Technical Senior: Steve Baker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Page 5.5-2, Section 5.5.1.1.2 Page 5.3-24, Section 5.3.1.1.14	Yes	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Pages 5.5-2 through 5.5-6. Sections 5.5.1.1.2 through 5.5.2.1.2	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Pages 3.5-2 and 3.5-3. Section 3.5.7; page 5.5-6, Section 5.5.2.1.2; Page A-13, Section A.3.3.4	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Pages 5.5-6 and 5.5-7, Section 5.5.2.1.2 through 5.5.2.1.3	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Page 5.5-6, Section 5.5.2.1.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 7.0-1 and 7-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 7.0-1 and Section 7	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Facility Design  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 5/26/99  
 Technical Staff: Robert Anderson/Kisabuli  
 Technical Senior: Steve Baker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.0-1	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 7.0-1	Yes	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	Section 1.5 and 3.3	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Sections 3.3.2 and 5.3.3	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Sections 5.3; Appendices A, B, F and G	Yes	
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	See below	See below	
Appendix B (i) (1) (D) (i)	The power generation system;	Section 3.4.3	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	Section 3.4.4	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	Sections 3.7.4	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	Sections 3.4.10	Yes	

Adequacy Issue: Adequate **x** Inadequate \_\_\_\_\_  
 Technical Area: **Facility Design**  
 Project Manager: Eileen Allen

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date 5/26/99  
 Project: Otay Mesa Generating Project Technical Staff: Robert Anderson/Kisabuli  
 Docket: 99-AFC-5 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Sections 3.4.8	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	N/A	N/A	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	Section 3.4.5	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	Section 3.4-12	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/13/99

Technical Area: Geological Hazards

Project: Otay Mesa Generating Project

Technical Staff: Robert Anderson

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 5.3-1, Section 5.3.1.1; Pages 5.3-36 through 39, Sections 5.3.2 through 5.3.3; Pages 5.4-21 through 22, Section 5.4.3	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Pages 5.3-36-39 Sections 5.3.2 through 5.3.2.2	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figure 5.3-5; Pages 5.3.2 through 38, Sections 5.3.1.1.1 through 5.3.2.4	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Figure 5.3-3; Pages 5.3-36 through 37, Sections 5.3.2 through 5.3.2.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/13/99

Technical Area: **Geological Hazards**

Project: Otay Mesa Generating Project

Technical Staff: Robert Anderson

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1, item 7.2.1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1, item 7.2.1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 7.0-1, item 7.2.1; Page 5.3-39, Section 5.3.4	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		Not Applicable	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Hazardous Materials Handling  
 Project Manager: E. Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/20/99  
 Technical Staff: R. Tyler  
 Technical Senior: S. Baker

Project: Otay Mesa  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.15	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Section 5.15.2.2, 5.15.2.2.2 5.15.2.2.3.2	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Map 5.16-2	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 5.15, Section 3.0	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 5.15.2.2.3.1	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 5.15.2.2.2	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 5.15.2.2.3.1	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 8.15.2.2.1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Hazardous Materials Handling  
 Project Manager: E. Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/20/99  
 Technical Staff: R. Tyler  
 Technical Senior: S. Baker

Project: Otay Mesa  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.15	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 7.0	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	No permits are required

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 1 Date August 20, 1999

Technical Area: Land Use

Project: Otay Mesa Generating Project

Technical Staff: Eric Knight

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 5.9-18 – 5.9-19; Section 5.9.1.2  Pages 5.9-22 – 5.9-27; Sections 5.9.2 – 5.9.3  Pages 5.18-1 – 5.18.15; Section 5.18	YES	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Pages 5.9-18 – 5.9-22; Sections 5.9.1.2 – 5.9.1.8  Table 5.9-2; Page 5.9-8	YES	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Pages 5.9-18 – 5.9-22; Sections 5.9.1.2 – 5.9.1.8  Pages 5.18-11 and 5.18-13; Sections 5.18.2.6.2 – 5.18.2.6.3 and 5.18.2.9	YES	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Pages 5.18-1 – 5.18.15; Section 5.18	NO	Please provide a discussion of any trends in recent zoning changes in the areas affected by the project.
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Table 5.18-1; Pages 5.18-4 – 5.18-5	YES	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 1 Date August 20, 1999

Technical Area: Land Use

Project: Otay Mesa Generating Project

Technical Staff: Eric Knight

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figures 5.9-1 – 5.9-2	NO	Jurisdictions within the project area include San Diego County, the City of San Diego, and the City of Chula Vista. Please revise Figures 5.9-1 and 5.9-2 to include these jurisdictional boundary lines. No map is provided delineating the Otay Mesa Specific Plan land-use` designations listed in Table 5.9-1. Please provide a map of the areas affected by the project on which these specific plan designations are delineated. No zoning maps have been provided. Please provide a map that delineates zoning designations within one mile of the site and within one-quarter mile of the gas supply and water pipelines.
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Pages 5.9-22 –5.9-27; Section 5.9.2	YES	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Page 5.4-12; Section 5.4.1.2.1	NO	The AFC states that some limited dry farming still occurs in the East Otay Mesa area. However, no map is provided that shows these agricultural land uses. Please provide a map at a scale of 1:24,000 that shows all agricultural land uses (include crop type) found within all areas affected by the proposed project.
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Page 5.4-12; Section 5.4.1.2.1	YES	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Pages 5.4-12 – 5.4-15; Section 5.4.1.2.2	YES	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Pages 5.4.2; Pages 5.4-13 – 5.4-21	YES	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 1 Date August 20, 1999

Technical Area: Land Use

Project: Otay Mesa Generating Project

Technical Staff: Eric Knight

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Pages 5.4-17 – 5.4-21; Section 5.4.2.2 – 5.4.2.5	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1; Pages 7.0-2 – 7.0-21	NO	Table 7.0-1 does not reference where in the AFC conformance with each law or standard is discussed. Please amend the table to include references to subsections in the AFC wherein conformance with each law or standard is discussed.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1; Pages 7.0-2 – 7.0-21	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 5.9-3; Pages 5.9-9 – 5.9-16	NO	The AFC does not discuss the project's conformity with applicable provisions of the San Diego County Zoning Ordinance. Please provide a table wherein conformance with all applicable zoning ordinance requirements is discussed. The AFC does not discuss the project's conformity with the Land Use Regulations of the East Otay Mesa Specific Plan (section 3.2), nor the East Otay Mesa Site Planning and Design Guidelines. Please provide a table wherein conformance with all applicable requirements in these planning documents is discussed.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.0-1; Page 7.0-22	YES	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate   **x**  

Technical Area:   **Land Use**  

Project Manager:   Eileen Allen  

# **DATA ADEQUACY WORKSHEET**

Revision No.   1   Date   August 20, 1999  

Technical Staff:   Eric Knight  

Technical Senior:   Dale Edwards  

Project:   Otay Mesa Generating Project  

Docket:   99-AFC-5  

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		NO	The AFC states that the project will not comply with the height limitation specified in the East Otay Mesa Specific Plan and that a variance will be obtained from San Diego County if required. Please provide a schedule for obtaining the height variance and what steps the applicant has taken or plans to take to obtain the variance.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Noise**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date Aug. 23, 1999  
 Technical Staff: Kisabuli  
 Technical Senior: Steve Baker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.12.1 and 5.12.1.2	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Figure 5.12-1 and 5.12-4 Table 5.12-1	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in $L_{eq}$ (equivalent sound or noise level), $L_{dn}$ (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The $L_{10}$ , $L_{50}$ , and $L_{90}$ values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	Section 5.12.1.2 Figures 5.12-2 and 5.12-3 Table 5.12-2	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Noise**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date Aug. 23, 1999  
 Technical Staff: Kisabuli  
 Technical Senior: Steve Baker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	Section 5.12.1.2	No	Please provide the tonal and frequency characteristics of the major project noise producing equipment.
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	Section 5.12.1.2	No	Please provide an estimate of the noise level at the other sensitive receptors during the operation of the project. If the noise level exceeds the San Diego Noise Element, or exceeds by 5 dBA the background (L <sub>90</sub> ) noise level, please provide mitigation measures that will be employed to meet either of the above criteria.
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	Section 5.12.2.1	No	Please provide a list of, and the noise characteristics of the major construction equipment that will be used during the construction of the project. From the noise characteristics of each piece of equipment provide an estimate of the noise level for each of the five major construction phases.
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	Section 5.12.2.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.12.1.3 Table 7.0-1	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Noise**  
 Project Manager: Eileen Allen

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date Aug. 23, 1999  
 Technical Staff: Kisabuli  
 Technical Senior: Steve Baker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.12.1.3 Table 7.0-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.12.4.1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		No	Please provide a name, title, telephone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Paleontological Resources  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/16/99  
 Technical Staff: Robert Anderson  
 Technical Senior: Steve Baker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 5.8-2, Section 5.8.1 Pages 5.8-8 through 5.8-19, Sections 5.8.1.4.1 through 5.8.3.5 Pages k-16 through k-18	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Pages 5.8-3 through 5.8-4, Section 5.8.1.1 Pages k-4 through k-6	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Maps 5.8-1 nos. 1-3 Pages 5.8-5 through 5.8-14, Sections 5.8.1.2.1 through 5.8.1.4.5  Pages k-11 through k-16	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Page 5.8-4, Section 5.8.1.2 Page k-18	Yes	
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Map k-1, sheets 1 – 3 Appendix K(A)	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: Paleontological Resources  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/16/99  
 Technical Staff: Robert Anderson  
 Technical Senior: Steve Baker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Page 5.8-17 Section 5.8.3.1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pages 7.0-15, 17 and 18 Table 7.4.9	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pages 7.0-15,17and18 Table 7.4.9	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 5.8-19, Section 5.8.4 and Pages 7.0-15,17 and 18, Table 7.4.9	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/12/99

Technical Area: **Project Overview**

Project: Otay Mesa

Technical Staff: Eileen Allen

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Roger E. Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Entire AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Entire AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Entire AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principle subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Entire AFC; Section 8.0	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	p.1-1 through 1-13, Section 1.0 p.3.1-1 through 3.9-4, Section 3.0	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	p.3.1-2 and 3.2-2, Section 3.0	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	p.1-3, Figure 1.5-1, Map 1.5-1, Section 1.0 p.3.2-1, Figure 3.2-1, Map 3.2-1, Section 3.0	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figures 1.5-2 and 1.5-3, Section 1.0	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/12/99

Technical Area: **Project Overview**

Project: Otay Mesa

Technical Staff: Eileen Allen

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Roger E. Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix L	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	p.1-3, Section 1.0  p.3.8-1, Figure 3.8-2, Section 3	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Page following cover page  p.6-1, Section 6.0	No	Please state whether Otay Mesa Generating Company (OMGC) owns the site, or whether it has a current lease arrangement with the site's owner.
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	p.3.1-1 and p.3.11-11, Section 3.0	No	Please specify whether OMGC or San Diego Gas & Electric (SDG&E) will own the short (0.1 mile) transmission line.
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Page following cover page	No	Please discuss the legal relationship between OMGC and SDG&E.
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Map 3.2-1, Section 3.0	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Figures 3.3-1 and 3.4-3, Section 3.0	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	p.3.1-1 through 3.9-4, Section 3.0	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/12/99

Technical Area: **Project Overview**

Project: Otay Mesa

Technical Staff: Eileen Allen

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Roger E. Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Map 3.2-1, Section 3.0	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Figure 5.13-13 a) and Figure 5.13-13 b), Section 5.13	Yes	
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.	p.1-2, Section 1.0	No	<b>Demand Conformance</b> The most recent demand conformance/need criteria that applies to the Otay Mesa project should be discussed in the AFC. Please refer to the enclosed "Addendum to ER 96 on the Integrated Assessment of Need and Associated Need Criteria" dated 3/25/99, adopted 4/14/99, and effective 7/1/99. Please remove references to and supporting information relevant to the previous need criteria which do not apply to this project.
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.	Not applicable (NA)	NA	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.	NA	NA	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	p.3.10-1 and 3.10-2, Section 3.0	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No.

Date August 19, 1999

Technical Area: Public Health  
Project Manager: Eileen Allen

Project: Otay Mesa  
Docket: 99-AFC-5

Technical Staff: Obed Odoemelam  
Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.16. Pages 5.16-1 through 5.16-3. Appendix I.	Yes	
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Section 5.16. Pages 5.16-3 through 5.16-12	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Section 5.16-2 through 5.16-16. Appendix I.	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Section 5.16. Page 5.15-2.	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Section 5.16. Page 5.16-2	Yes	

Adequacy Issue: Adequate ☒ Inadequate

## DATA ADEQUACY WORKSHEET

Revision No.

Date August 19, 1999

Technical Area: Public Health  
Project Manager: Eileen Allen

Project: Otay Mesa  
Docket: 99-AFC-5

Technical Staff: Obed Odoemelam  
Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0. Pages 7.0-4 through 7.0-8. Section 7.4. Pages 7.4-2 through 7.4-10	Yes.	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0. Pages 7.0-4 through 7.0-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.0. Page 7.0-1 through 7.0-21.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 7.0. Page 7.0-22	Yes.	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: Reliability  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 25, 1999  
 Technical Staff: Steve Baker  
 Technical Senior: Steve Baker

Project: Otay Mesa Generation Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§ 1.1, 1.3, 1.5.1, 1.5.2, 1.5.5, 1.5.6, 1.6, 1.7, 1.8.2, 1.8.7, 2.1, 2.2, 3.1, 3.1.1, 3.1.3, 3.2.1, 3.2.2, 3.3.1, 3.3.2.2, 3.4.1, 3.4.5, 3.4.6, 3.4.7, 3.4.7.1, 3.4.7.3, 3.4.10.1.1, 3.4.12.4, 3.7.2, 3.7.3, 3.9.2, 3.9.2.2, 3.9.2.3, 3.9.2.6.1, 3.9.2.7, 3.10.2, 3.11.3.1.2, 3.11.3.2.2, 3.11.3.2.3, 3.11.3.2.4, 3.11.3.3.3, 3.11.3.4, 3.11.8, 4.1.1.1, 4.1.1.2, 4.3.1, 4.3.2, 4.3.3, 4.3.4, 4.3.5, 7.4.1; Appendix F	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§ 1.5.5, 3.1.1, 3.4.6, 3.7.2, 4.3.3	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:	—	—	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§ 1.6, 2.1, 2.2, 3.1, 3.9.2, 4.3.1	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§ 1.5.2.2.1, 3.2.1, 3.4.1, 3.4.3, 3.4.4, 3.4.10.1.1, 3.11.3.2.3, 3.11.3.3.3, 4.3.1	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§ 1.5.6, 1.7, 3.1.3, 3.3.2.2, 3.4.7, 3.5.7, 3.7.3, 3.8.3.2	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 25, 1999

Technical Area: **Reliability**

Project: Otay Mesa Generation Project

Technical Staff: Steve Baker

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§ 1.5.2, 3.4.5, 3.4.10.1.1, 3.9.2.2, 3.9.2.3, 3.9.2.7, 3.11.3.3.3, 4.3.1.1, 4.3.2, 4.3.5, 7.4.1; Appendix F	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	Not Found	No	Describe expected maturation period
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/10/99

Technical Area: **Socioeconomics**

Project: Otay Mesa Generating Project

Technical Staff: Amanda Stennick

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.10	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	Section 5.10.1 Map 5.10-2 Tables 5.10-1, -2, -3	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Sections 5.10.1.8; 5.10.2.7	No	Please provide a table of the applicable county agencies with taxing powers and their most recent and projected revenues.
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Section 5.10.1.2 Tables 5.10-1, -2, -3	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Section 5.10.1.3 Table 5.10-4, -5	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Table 5.10-7	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Section 5.10.1.4 Table 5.10-6	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	Sections 5.10.1.5, .6, .7	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	See below	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/10/99

Technical Area: **Socioeconomics**

Project: Otay Mesa Generating Project

Technical Staff: Amanda Stennick

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Section 5.10.2., .1 Table 3.8-1 Figure 3.8-3	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Section 5.10.2.2	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Section 5.10.2.2	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Section 5.10.2.3	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Sections 5.10.2.4, .5, .6	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Section 5.10.2.4	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Section 5.10.2.7	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Section 5.10.2.7	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Sections 5.10.2.7; 6.0	No	Please provide a table of all taxing entities in the county and the projected revenues from property taxes from the project.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date 8/10/99

Technical Area: **Socioeconomics**

Project: Otay Mesa Generating Project

Technical Staff: Amanda Stennick

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1 Section 5.10.2.2.1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1 Section 7.4.1.3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 7.0-1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.10.5	No	Please provide the name, title, phone number, address, or email address, of each person and agency contacted in the socioeconomic resources reference Section 5.10.5.
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 10, 1999

Technical Area: Soils

Project: Otay Mesa Generating Project

Technical Staff: Matt Layton

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	3.0 5.3 5.4 5.5 Appendix G	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Map 3.2-1 5.3 5.4 5.5 Appendix G	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	5.4 Appendix G	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	5.4 Appendix G	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:			
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Table 5.4-2	Yes	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.		Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 10, 1999

Technical Area: Soils

Project: Otay Mesa Generating Project

Technical Staff: Matt Layton

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1	No	Please include the grading ordinance and any erosion control ordinances.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1	No	Please include the County for the grading and erosion control ordinances.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		No	Please provide discussion of the conformity of the project with County ordinances.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.0-1	No	Please identify contacts at County.
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 7.0-1	No	Please provide schedule.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Traffic and Transportation**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Project: Otay Mesa Generating Project  
 Docket: 99-AFC – 5

Revision No. 0 Date August 10, 1999  
 Technical Staff: David Flores  
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC pg. 5.11-6, Section 5.11.1.2 AFC pg.11-11, Section 5.11.1.3 through 5.11.1.7 AFC pg. 5.11-12 through 5.11-25	No	Provide discussion on effectiveness of proposed mitigation measures discussed on pg.5.11-25, and proposal to verify the effectiveness of the mitigation as stated in the siting regulations.
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Map 5.11-1, Maps 1 through 3. AFC pg. 5.11-2, Section 5.11.1.1.1	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	AFC pg. 5.11-1 through 5.11-5, Section 5.11.1.1.1. Maps 5.11-11 & 12, Section 5.11.1.3 through 5.11.1.7	No	Provide discussion of existing bus routes, light rail, and bike trails serving the project vicinity. Also a discussion on proposed local airport expansion.
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Table 5.11-2, pg. 5.11-9 & 10	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Table 5.11-1 & 2, AFC pg. 5.11-7 & 8	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	AFC pg. 5.11.6 & 5.11-11 Section 5.11.1.2 Table 5.11-1 & 2, AFC Pg. 5.11-7 & 8	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;		No	Provide weight and load limitations for roadways in the area of the project.
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	AFC pg. 5.11-7 & 8, Table 5.11-1	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.		Yes	Identify any road features affecting public safety.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Traffic and Transportation**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Project: Otay Mesa Generating Project  
 Docket: 99-AFC – 5

Revision No. 0 Date August 10, 1999  
 Technical Staff: David Flores  
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	AFC pg. 5.11-1 through 5.11-5, Section 5.11.1.1.1 Maps 5.11-1, Maps 1 through 3	No	Provide discussion of future expansion of the Brown Field Airport and potential effects on air safety in the area of the project.
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	AFC pg. 5.11-13 through 5.11-19, Table 5.11 3a, 3b AFC pg. 5.11-14, Table 5.11-4, AFC pg.5.11-16, Table 5.11-5, AFC pg. 5.11-19	Yes	
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	AFC pg. 5.11-19, Section 5.11.2.2.1 AFC pg. 5.11-20, Section 5.11.2.2.2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC pg. 7.0-21, Table 7.0-1	No	Provide references to the San Diego County General Plan, Transportation and Circulation Element and compliance with each policy as stated in the document
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC pg. 7.0-21, Table 7.0-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		No	Provide discussion of the projects conformity with the applicable LORS for traffic and transportation issues
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC pg. 7.0-23, Table 7.0-1	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate   **x**  

Technical Area:   **Traffic and Transportation**  

Project Manager:   Eileen Allen  

**DATA ADEQUACY WORKSHEET**

Revision No.   0   Date   August 10, 1999  

Technical Staff:   David Flores  

Technical Senior:   Dale Edwards  

Project:   Otay Mesa Generating Project  

Docket:   99-AFC – 5  

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC pg. 5.11-25 & 26, Section 5.11.4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: T-Line Safety and Nuisance.  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. \_\_\_\_\_ Date August 19, 1999  
 Technical Staff: Obed Odoemelam  
 Technical Senior: Chris Tooker

Project: Otay Mesa  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 3.0 Pages 3.1-1, 3.4-4 and 3.4-5. Page 3.6-1 Section 3.11. Pages 3.11-11 through 3.11-13. Appendix N.	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 3.0. Page 3.1-1. Pages 3.4-4, 3.6-1. Section 3.11. Pages 3.11-1, through 3.11-14.	Yes	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 3.0. Pages 3.4-4 through 3.4-5. Pages 3.6-1 through 3.6-3. Appendix N.	Yes	
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 3.0. Pages 3.1-1, 3.6-1 through 3.6-4. Section 3.11. Pages 3.11 through 3.11-14	Yes.	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: T-Line Safety and Nuisance.  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. \_\_\_\_\_ Date August 19, 1999  
 Technical Staff: Obed Odoemelam  
 Technical Senior: Chris Tooker

Project: Otay Mesa  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 3.0. Pages 3.3.4-4 through 3.4-5	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 4.0. Pages 4.6 through 4.9. Pages 4-11 through 4-14.	Yes.	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 4.0. Pages 4-6 through 4-9.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0. Pages 7.0-3 and 7.0-4, 7.0-6 and 7.0-7.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0. Pages 7.0-6 and 7.0-7	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐  
 Technical Area: T-Line Safety and Nuisance.  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Project: Otay Mesa  
 Docket: 99-AFC-5

Revision No. \_\_\_\_\_ Date August 19, 1999  
 Technical Staff: Obed Odoemelam  
 Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.3. Page 7.3-1. Section 7.4. Pages 7.4-7, 7.4-8, 7.4-10, 7.4-11, and 7.4-12. Appendices E and D.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 7.0. Page 7.0-22.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 7.0. Pages 7.0-6 and 7.0-7	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: Transmission System Eng.  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date Aug 20, 1999  
 Technical Staff: Linda Davis  
 Technical Senior: Al McCuen

Project: Otay Mesa Generating Project  
 Docket: 99 AFC – 5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Appendix N Page 2, and Pages 15 through 17. AFC Page 3.11-11 through 3.11-13. Appendix M.	No	Please briefly describe the five transmission termination alternatives previously studied for the Otay Mesa project and discuss the basis for selecting alternative 6 (Appendix N, Page 2).
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.		Yes	Staff research indicates no other proposed generating facility in the area.
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	AFC Page 3.6-1 through 3.6-3. Figures 3.6-1 through 3.6-4. Appendix N, Page 6.	Yes	
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	AFC Page 3.11-3.	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: **Transmission System Eng.**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 01 Date Aug 20, 1999  
 Technical Staff: Linda Davis  
 Technical Senior: Al McCuen

Project: Otay Mesa Generating Project  
 Docket: 99 AFC – 5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Page 7.0-7	No	Please list California Public Utilities Commission General Order 95.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	NA	NA	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Page 3.8-10	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	NA	NA	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: Visual Resources  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 1 Date August 25, 1999  
 Technical Staff: Gary Walker  
 Technical Senior: Dale Edwards

Project: Otay Mesa  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pp.5.13-10 through 5.13-26; pp.5.13-29 through 5.13-37.  Pp.5.18-1 through 5.18-13.	NO	These requirements are stated in general terms; more specific elements of these requirements are listed in the regulation sections listed below. Providing the information needed to satisfy those more specific requirements will also satisfy these more general requirements.
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pp.5.13-10 through 5.13-23.	YES	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Map 5.13-1.	NO	Please show the areas from which the project may be seen.
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Not applicable.	YES	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Pp.5.13-10 through 5.13-23.	YES	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Pp.5.13-18 through 5.13-23.	YES	
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Pp.5.13-10 through 5.13-16.	NO	Please provide an estimate of the number of persons using the scenic corridors near the transmission line to Miguel Substation and an estimate of the number of residences that have a view of that transmission line.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 1 Date August 25, 1999

Technical Area: **Visual Resources**

Project: Otay Mesa

Technical Staff: Gary Walker

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Figures 3.3-1, 3.4-2, 3.4-3, 3.6-1, 3.6-2, 3.6-3, and 3.6-4.  Pp.5.13-2 through 5.13-6.	NO	Please specify the length and width (or diameter, as appropriate) of each major visible component of the project.
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 5.13-29 through 5.13-35.	YES	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Pp.5.13-29 through 5.13-35;	NO	Please discuss the project's potential to cause light and glare impacts.  Please discuss the visual impact of non-compliance with the height limitation of the East Otay Mesa Specific Plan.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1, p.7.0-19	NO	Please revise the table to provide the reference subsections wherein conformance with each law or standard is discussed.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1, p.7.0-19.	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pp.5.13-35 through 5.13-37.	NO	Please provide a discussion of the project's compliance with the height limitation of the East Otay Mesa Specific Plan.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 1 Date August 25, 1999

Technical Area: Visual Resources

Project: Otay Mesa

Technical Staff: Gary Walker

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.0-1, p.7.0-19.	NO	Please provide the name, title, phone number, and address of the official within the City of Chula Vista who will serve as a contact person for the agency.
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not provided.	NO	Please provide the schedule indicating when the application for a variance for the height of the project will be filed.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**  
 Technical Area: **Waste Management**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 17, 1999

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

Technical Staff: Ellen Townsend-Smith  
 Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 3.0 Section 5.14	Yes	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	pg. 3.10-1 & 2 Section 3.10	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	pg. 5.14-3 Section 5.14.1.2 pg. 5.14-4 Section 5.14.2.1 pg. 5.14-6 Section 5.14.2.3 pg. 5.14-9 Section 5.14.3.3	Yes	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Pg. 5.14-3 Section 5.14.1.2	No	Although the AFC mentions it on page 5.14-3, a copy of the Phase I Environmental Site Assessment (ESA) is not included in the AFC. Please provide a copy of the ESA as an appendix to the AFC.
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Table 3.4-5 Table 3.4-6 Table 3.4-7	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 17, 1999

Technical Area: **Waste Management**

Project: Otay Mesa Generating Project

Technical Staff: Ellen Townsend-Smith

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Table 5.14-1	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Section 5.14.1.2 Section 5.14.2.1 Section 5.14.2.1.2 Section 5.14.2.3.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0 pg. 7.0-11 through 7.0-13	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1 pg. 7.0-11 through 7.0-13	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	pg. 7.4-19 Section 7.4.7	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **x**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 17, 1999

Technical Area: **Waste Management**

Project: Otay Mesa Generating Project

Technical Staff: Ellen Townsend-Smith

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.0-1 pg. 7.0-23	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	pg. 5.14-9 Section 5.14.3.3	Yes	
Appendix B. (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	pg. 5.14-11 Section 5.14.3.5	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Section 5.14.2.1 Section 5.14.2.3 Section 5.14.2.3.3	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: **Water Resources**  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 9, 1999  
 Technical Staff: Matt Layton  
 Technical Senior: Jim Brownell

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	5.3 5.4 5.5 5.14 Appendix G	No	Please provide a discussion of the impacts of the project on Otay Mesa Water District supplies and water treatment plant.
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:	----	----	----
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	NA	NA	NA
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	NA	NA	NA
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	5.5.1 5.5.1.1.2 5.5.1.2., .3 5.5.2.1.2 Map 3.2-1 Appendix G	Yes	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	5.5 Appendix G	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	5.5, Map 3.2-1 Figure 3.2-1	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	-----	-----	-----
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	3.4.7 5.5.1.1.1	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	3.4.7 Tables 3.4-2, -3	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

Technical Area: **Water Resources**

Project Manager: Eileen Allen

# DATA ADEQUACY WORKSHEET

Project: Otay Mesa Generating Project

Docket: 99-AFC-5

Revision No. 0 Date August 9, 1999

Technical Staff: Matt Layton

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	3.8.1.2.6 Tables 3.4-1, -1A, - 4, -5 Figures 3.4-5A, -5B	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Figures 3.4-5A, -5B 3.4.7, 3.4.8 3.7.3, 3.7.4, Appendix F	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	5.5.1, 5.5.3 5.5.1.1.14	Yes	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	5.5.1.1.2, 5.5.1.1.14 Tables 5.5-1, -2, 3.5.7	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	5.5.2.3, 5.5.3	Yes	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	-----	-----	-----
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	5.5	No	Please provide a description of whether the Otay Mesa Water District can supply the water, and what impact it will have on other users.
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	3.4.7.4	No	Please provide a description of the effects of the plant construction and operation on water quality and appropriate mitigation measures.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 9, 1999

Technical Area: Water Resources

Project: Otay Mesa Generating Project

Technical Staff: Matt Layton

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.0-1	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 7.0-1	No	Please provide a schedule for a Storm Water Pollution Prevention Plan.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**  
 Technical Area: Worker Safety  
 Project Manager: Eileen Allen

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 13, 1999  
 Technical Staff: Ellen Townsend-Smith  
 Technical Senior: Chris Tooker

Project: Otay Mesa Generating Project  
 Docket: 99-AFC-5

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 3.3 Section 3.4 Section 5.18	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	pg. 5.17-11 – 5.17-13 Section 5.17.2.1.2	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Section 3.1.1 Section 3.4.7.3 Section 3.4.11 Section 4.1.3	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	pg. 5.17-8 Section 5.17.2.1.1	Yes	
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);	Section 5.17.2.1.1 pg. 5.17-3	Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);	pg. 5.17-8 Section 5.17.2.1.1	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)	pg. 5.17-5 Section 5.17.2.1.1	Yes	
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);	pg. 5.17-9 Section 5.17.2.1.2	Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);	pg. 5.17-14 Section 5.17.2.1.3	Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);	pg. 5.17-14 Section 5.17.2.1.3	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).	pg. 17-13 Section 5.17.2.1.3	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate **X**

# DATA ADEQUACY WORKSHEET

Revision No. 0 Date August 13, 1999

Technical Area: **Worker Safety**

Project: Otay Mesa Generating Project

Technical Staff: Ellen Townsend-Smith

Project Manager: Eileen Allen

Docket: 99-AFC-5

Technical Senior: Chris Tooker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0 Table 7.0-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0 Table 7.0-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	pg. 7.4-1 Section 7.4.1.4	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		No	Battalion Chief Dave Nissen Fire Marshall San Diego Rural Fire Dist. 14145 Hwy 94 Jamul, CA 91935 (619) 669-1188
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	

